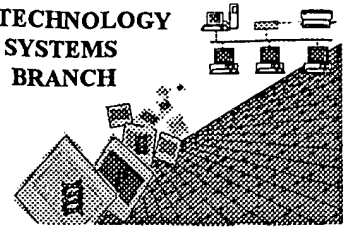


ep

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



# RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/649,952  
Source: 0/16  
Date Processed by STIC: 9/5/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003



OIPE

## RAW SEQUENCE LISTING

DATE: 09/05/2003

PATENT APPLICATION: US/10/649,952

TIME: 08:59:55

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\09052003\J649952.raw

3 <110> APPLICANT: SUNTORY LIMITED  
 4 SUNTORY BIOMEDICAL RESEARCH LIMITED  
 6 <120> TITLE OF INVENTION: Promoters of the growth and/or differentiation of  
 hematopoietic stem  
 7 cells and/or  
 8 hematopoietic progenitors  
 10 <130> FILE REFERENCE: YCT-785  
 12 <140> CURRENT APPLICATION NUMBER: US/10/649,952  
 12 <141> CURRENT FILING DATE: 2003-08-29  
 12 <150> PRIOR APPLICATION NUMBER: JP 2001-400330  
 W--> 13 <151> PRIOR FILING DATE: December 28, 2001 2001-12-28 ← use this date format  
 15 <160> NUMBER OF SEQ ID NOS: 4  
 E--> 17 <200> 1

<210> → <200> is invalid

## ERRORED SEQUENCES

18 <211> LENGTH: 166  
 19 <212> TYPE: PRT  
 20 <213> ORGANISM: Human  
 21 <223> OTHER INFORMATION: Amino acid sequence of human Cofilin.

Does Not Comply  
 Corrected Diskette Needed

→ <220> insert this  
 mandatory

numeric  
 identifier  
 whenever <221>  
 <222>, or <223>  
 is shown

23 <400> SEQUENCE: 1  
 24 Met Ala Ser Gly Val Ala Val Ser Asp Gly Val Ile Lys Val Phe Asn  
 25 5 10 15  
 26 Asp Met Lys Val Arg Lys Ser Ser Thr Pro Glu Glu Val Lys Lys Arg  
 27 20 25 30  
 28 Lys Lys Ala Val Leu Phe Cys Leu Ser Glu Asp Lys Lys Asn Ile Ile  
 29 35 40 45  
 30 Leu Glu Glu Gly Lys Glu Ile Leu Val Gly Asp Val Gly Gln Thr Val  
 31 50 55 60  
 32 Asp Asp Pro Tyr Ala Thr Phe Val Lys Met Leu Pro Asp Lys Asp Cys  
 33 65 70 75 80  
 34 Arg Tyr Ala Leu Tyr Asp Ala Thr Tyr Glu Thr Lys Glu Ser Lys Lys  
 35 85 90 95  
 36 Glu Asp Leu Val Phe Ile Phe Trp Ala Pro Glu Ser Ala Pro Leu Lys  
 37 100 105 110  
 38 Ser Lys Met Ile Tyr Ala Ser Ser Lys Asp Ala Ile Lys Lys Lys Leu  
 39 115 120 125  
 40 Thr Gly Ile Lys His Glu Leu Gln Ala Asn Cys Tyr Glu Glu Val Lys  
 41 130 135 140  
 42 Asp Arg Cys Thr Leu Ala Glu Lys Leu Gly Gly Ser Ala Val Ile Ser  
 43 145 150 155 160  
 44 Leu Glu Gly Lys Pro Leu

## RAW SEQUENCE LISTING

DATE: 09/05/2003

PATENT APPLICATION: US/10/649,952

TIME: 08:59:55

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\09052003\J649952.raw

```

45 <2107 165
E--> 47 <200> 2
48 <211> LENGTH: 501
49 <212> TYPE: DNA
50 <213> ORGANISM: Human ><2207
51 <223> OTHER INFORMATION: Nucleotide sequence of human Cofilin.
E--> 53 <400> SEQUENCE: 2
54 atggcctccg gtgtggctgt ctctgatggt gtcacaaagg tgttcaacga catgaagggtg 60
55 cgtaagtctt caacgccaga ggaggtgaag aagcgcaaga aggcggtgct cttctgcctg 120
56 agtgaggaca agaagaacat catcctggag gagggcaagg agatcctggt gggcgatgtg 180
57 ggccagactg tcgacgatcc ctacgccacc tttgtcaaga tgctgccaga taaggactgc 240
58 cgctatgccc tctatgatgc aacctatgag accaaggaga gcaagaagga ggatctgggt 300
59 tttatcttct gggcccccgga gtctgcgccc ctttaagagca aaatgattta tgccagctcc 360
60 aaggacgcca tcaagaagaa gctgacaggg atcaagcatg aattgcaagc aaactgctac 420
61 gaggaggtca aggaccgctg caccctggca gagaagctgg ggggcagtgc ggatcatctc 480
62 ctggagggca agcctttgtg a 501
E--> 64 <200> 3 <2107
65 <211> LENGTH: 25 26 s Low below
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial sequence
W--> 68 <220> FEATURE: insert <2207
68 <223> OTHER INFORMATION: Primer sequence for amplifying human Cofilin gene.
E--> 70 <400> SEQUENCE: 3
E--> 71 atggcctccg gtgtggctgt ctctga (25) 26
E--> 73 <200> 4 <2107
74 <211> LENGTH: 26
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial sequence
W--> 77 <220> FEATURE: insert <2207
77 <223> OTHER INFORMATION: Primer sequence for amplifying human Cofilin gene.
E--> 79 <400> SEQUENCE: 4
80 tctccctgga gggcaagcct ttgtga 26

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**VERIFICATION SUMMARY**

DATE: 09/05/2003

PATENT APPLICATION: US/10/649,952

TIME: 08:59:56

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\09052003\J649952.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:13 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:17 M:250 E: Invalid Numeric Identifier, INVALID IDENTIFIER  
L:23 M:282 E: Numeric Field Identifier Missing, <210> is required.  
L:23 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:0  
L:23 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:0 differs:1  
L:47 M:250 E: Invalid Numeric Identifier, INVALID IDENTIFIER  
L:53 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:0  
L:53 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:0 differs:2  
L:64 M:250 E: Invalid Numeric Identifier, INVALID IDENTIFIER  
L:68 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:0  
L:70 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:0  
L:70 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:0 differs:3  
L:71 M:254 E: No. of Bases conflict, LENGTH:Input:25 Counted:26 SEQ:3  
L:71 M:252 E: No. of Seq. differs, <211> LENGTH:Input:25 Found:26 SEQ:3  
L:73 M:250 E: Invalid Numeric Identifier, INVALID IDENTIFIER  
L:77 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:0  
L:79 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:0  
L:79 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:0 differs:4